Distributed by:

JAMECO® ELECTRONICS

www.Jameco.com ✦ 1-800-831-4242

The content and copyrights of the attached material are the property of its owner.

FAIRCHILD SEMICONDUCTOR™

Discrete POWER & Signal Technologies

N-Channel JFETs

RF, VHF, UHF Amplifiers

Device No.	Case Style	BV_{GSS} (V) @ I_G Min	(µA)	I_{GSS} (nA)@ V_{DG} Max	(V)	V_P (V) @ V_{DS} Min	Max	(V)	I_D (nA)	I_{DSS} (mA) @ V_{DS} Min	Max	(V)	$\|Y_{fs}\|$ (mmho)@ Fq. Min	(MHz)	C_{iss} (pF) @ V_{DS} Max	(V)	V_{GS} (V)	C_{rss} (pF) @ V_{DS} Max	(V)	V_{GS} (V)	NF (dB) @ R_G = 1k Freq Max	(MHz)	Process No.	Pkg. No.
2N3819	TO-92	25	1	2	15		8	15	2	2	20	15	1.6	100	8	15	0	4	15	0			50	94
2N5245	TO-92	30	1	1	20	1	6	15	10	5	15	15	4	400	4.5	15	0	1	15	0	4	400	90	97
2N5246	TO-92	30	1	1	20	0.5	4	15	10	1.5	7	15	2.5	400	4.5	15	0	1	15	0			90	97
2N5247	TO-92	30	1	1	20	1	8	15	10	8	24	15	4	400	4.5	15	0	1	15	0			90	97
2N5248	TO-92	30	1	5	20	1.5	8	15	10	4	20	15	3	200	6	15	0	2	15	0			50	94
2N5484	**TO-92**	**25**	**1**	**1**	**20**	**0.3**	**3**	**15**	**10**	**1**	**5**	**15**	**2.5**	**100**	**5**	**15**	**0**	**1**	**15**	**0**	**3**	**100**	**50 (7-51)**	**92**
2N5485	**TO-92**	**25**	**1**	**1**	**20**	**0.5**	**4**	**15**	**10**	**4**	**10**	**15**	**3**	**400**	**5**	**15**	**0**	**1**	**15**	**0**	**4**	**400**	**50 (7-51)**	**92**
2N5486	**TO-92**	**25**	**1**	**1**	**20**	**2**	**6**	**15**	**10**	**8**	**20**	**15**	**3.5**	**400**	**5**	**15**	**0**	**1**	**15**	**0**	**4**	**400**	**50 (7-51)**	**92**
2N5949	TO-92	30	1	1	15	3	7	15	100	12	18	15	3	100	6	15	0	2	15	0	5	100	50	97
2N5950	TO-92	30	1	1	15	2.5	6	15	100	10	15	15	3	100	6	15	0	2	15	0	5	100	50	97
2N5951	TO-92	30	1	1	15	2	5	15	100	7	13	15	3	100	6	15	0	2	15	0	5	100	50	97
2N5952	TO-92	30	1	1	15	1.8	3.5	15	100	4	8	15	1	100	6	15	0	2	15	0	5	100	50	97
2N5953	TO-92	30	1	1	15	0.8	3	15	100	2.5	5	15	1	100	6	15	0	2	15	0	5	100	50	97
J300	TO-92	25	1	0.5	15	1	6	10	1	6	30	10	4.5	0.001	5.5	10	5mA	1.7	10	5mA			90	92
J304	TO-92	30	1	0.1	20	2	6	15	1	5	15	15	t4.2	100									50	92
J305	TO-92	30	1	0.1	20	0.5	3	15	1	1	8	15	t3	100									50	92
J309	**TO-92**	**25**	**1**	**1**	**15**	**1**	**4**	**10**	**1**	**12**	**30**	**10**	**t12**	**100**	**5**	**0**	**-10**	**2.5**	**0**	**-10**			**92 (7-27)**	**92**
J310	**TO-92**	**25**	**1**	**1**	**15**	**2**	**6.5**	**10**	**1**	**24**	**60**	**10**	**t12**	**100**	**5**	**0**	**-10**	**2.5**	**0**	**-10**			**92 (7-27)**	**92**
PN4416	TO-92	30	1	0.1	20	2.5	6	15	1	5	15	15	4	400	4	15	0	0.8	15	0	4	400	50	92

NOTE: National preferred device for each process in **bold.** Number shown in parentheses indicates location **(section-page)** of device datasheet.

t = typical value